| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|--|---|---------------------|---------|------------------|
| L1 | 142226 | acrylic near acid and distil\$6 nd glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:10 |
| L2 | 1530 | acrylic near acid and distil\$6 and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:10 |
| L3 | 27 | acrylic near acid same azeotropic near distil\$6 and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:14 |
| L4 | 121 | acrylic near acid same distil\$6 and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:20 |
| L5 | | acrylic:near.acid:same:azeotropic:near:(distil\$6:or:dehydrat\$5) same:glyoxal: | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:32 |
| L6 | 32 | acrylic near acid same azeotropic near (distil\$6 or dehydrat\$5) and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:16 |
| נז | 5. | 16 not 13 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON. | 2005/09/12 10:17 |
| L8 | 13 | acrylic near acid same distil\$6 same glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:19 |
| L9 | 14 | acrylic near acid.ab; same distil\$6 and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:20 |
| L10 | 7 | acrylic near acid.clm. same distil\$6 and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:20 |
| L11 | 40 | acrylic near acid.ab. and distil\$6 and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:21 |
| L12 ' | 298 | acrylic near acid.clm. and distil\$6 and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:25 |
| L13 | 13 | acrylic near acid.clm. and distil\$6 same glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:22 |
| L14 | 14 | acrylic near acid.ti. and distil\$6 and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:24 |
| L15 | 29 | 8: or: 9 or: 10: or: 110r: 13 or: 14 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON. | 2005/09/12 10:24 |

| L16 | 1530 | acrylic near acid and distil\$6 and glyoxal | US-PGPUB; USPAT; | OR | ON | 2005/09/12 10:25 |
|------|------|---|---|------|------|------------------|
| | | | EPO; JPO; DERWENT | | | |
| L17 | 121 | acrylic near acid same distil\$6 and glyoxal | US-PGPUB; USPAT; EPO; JPO; | OR | ON | 2005/09/12 10:25 |
| | ••• | 117 114 | DERWENT | 00 | | 2005/00/12 10:25 |
| L18 | 110 | 117 not 114 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:25 |
| L19 | 593 | 562/600.ccls. acrylic near acid and azeotropic near (distil\$6 or dehydrat\$5) and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:33 |
| L20 | 4 | 562/600.ccls. and acrylic near acid and azeotropic near (distil\$6 or dehydrat\$5) and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/12 10:33 |
| Si | 6 | kazuo near ohkouchi.in. or tomohiro near natae.in. or kazuhika near sakamoto.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 14:47 |
| S2 | 13 | kazuo near ohkouchi.in. or tomohiro near nakae.in. or kazuhika near sakamoto.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON . | 2005/03/15 14:47 |
| S3 . | 12 | (kazuo near ohkouchi.in. or tomohiro near nakae.in. or kazuhika near sakamoto.in.) and acrylic near acid | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR. | ON | 2005/03/15:14:49 |
| S4 | 6 | (kazuo near ohkouchi.in. or tomohiro near nakae.in. or kazuhika near sakamoto.in.) and acrylic near acid and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 14:49 |
| S5 | 35 | acrylic near acid and glyoxal and azeotropic near dehydration | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 14:56 |
| S6 | 188 | acrylic near acid and glyoxal and azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 14:56 |
| S7 | 10 | (purif\$6 or isolat\$4) same acrylic near acid and glyoxal and azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 15:00 |
| S8 | 8 | "0861820" , | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 14:58 |
| S9 | 0 | ."0861820":and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15:14:58 |
| S10 | 2 | "0861820" and azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | ON | 2005/03/15 14:58 |
| S11 | 10 | (purif\$6 or isolat\$4 or recov) same acrylic near acid and glyoxal and azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | ON | 2005/03/15 15:03 |

| S12 | 19 | (purif\$6 or isolat\$4 or recov\$5) same acrylic near acid and glyoxal and azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 15:11 |
|-----|--------|---|---|------|-----|------------------|
| 513 | 63 | (punf\$6 or isolat\$4 or recov\$5 or separat\$4) same:\$4acrylic near acid:and:glyoxal and azeotropic: | US-PGPUB; USPAT; EPO; JPO; | OR | ON. | 2005/03/15 15:19 |
| S14 | 43 | S13 not S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 15:21 |
| S15 | 60 | (punf\$6 or isolat\$4 or recov\$5 or separat\$4) same (acrylic near acid or meth adj acrylic adj acid) and glyoxal and azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR. | ON | 2005/03/15 15:20 |
| S16 | 40 | S15 not S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15 15:23 |
| S17 | 889 | ((acrylic or methacrylic or meth adj acrylic) near acid or acrylicacid) same azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/15:15:24 |
| S18 | 191 | ((acrylic or methacrylic or meth adj acrylic) near acid or acrylicacid) same azeotropic | DERWENT | OR | ON | 2005/03/15 15:25 |
| S19 | 2 | ((acrylic or methacrylic or meth adj acrylic) near acid or acrylicacid) same azeotropic same glyoxal | DERWENT | OR | ON | 2005/03/15 15:25 |
| S20 | 33 | ((acrylic or methacrylic or meth adj acrylic) near acid or acrylicacid) same azeotropic same dehydrat\$3 | DERWENT | OR | ON | 2005/03/15 15:46 |
| S21 | 76 | ((acrylic or methacrylic or meth adj acrylic) near acid or acrylicacid) same glyoxal | DERWENT | OR | ON | 2005/03/15 15:47 |
| S22 | 2 | ((acrylic or methacrylic or meth adj acrylic) near acid or acrylicacid) same glyoxal and azeotropic | DERWENT | OR | ON | 2005/03/15 15:47 |
| S23 | 196 | \$4acrylic near acid and glyoxal and azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/21 15:28 |
| S24 | 192502 | methacrylic near acid or acrylic adj acid or acrylicacid and glyoxal and azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | ON | 2005/03/21 15:29 |
| S25 | 189 | (methacrylic near acid or acrylic adj acid or acrylicacid) and glyoxal and azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/21 15:41 |
| S26 | 77 | (methacrylic near acid or acrylic adj acid or acrylicacid).clm. and glyoxal and azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/21 15:39 |
| S27 | 19 | (methacrylic near acid or acrylic adj acid or acrylicacid).ab, and glyoxal and azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/21:15:40 |
| S28 | 10 | (methacrylic near acid or acrylic adj acid or acrylicacid).ti. and glyoxal and azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/21 15:40 |
| S29 | 108 | S25 not (S26 or S27 or S28) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/21 15:41 |

| S30 | 13 | "861820" | US-PGPUB; | OR | OFF | 2005/03/21 15:51 |
|-----|-----|--|---|------|-----|------------------|
| | | | USPAT; EPO; JPO; DERWENT | | | |
| 531 | 0 | "861820" and glyoxal | US-PGPUB; USPAT; | OR | OFF | 2005/03/21 15:49 |
| | | | EPO; JPO; DERWENT | | | |
| S32 | 1 | ("0861820").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/21 15:49 |
| S33 | 152 | glyoxal adj hydrate | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/21 15:51 |
| 534 | 15 | glyoxal adj hydrate and acrylic adj acid | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/21 15:52 |
| 535 | 30 | glyoxal adj hydrate.ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ÖR | ON | 2005/03/21:15:52 |
| S36 | 13 | "2216013" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/22 09:57 |
| S37 | 6 | ("2216013").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/22 09:28 |
| S38 | 0 | ("2216013A").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/22 09:28 |
| S39 | 0 | ("2216013A").PN: | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/22 09:28 |
| S40 | 31 | "216013" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/22 09:29 |
| S41 | 13 | "2216013" | US-PGPUB; USPAT; EPO; JPO; DERWENT | ÖR | ON | 2005/03/22 09:29 |
| S42 | 8 | "2216013" | EPO; DERWENT | OR | ON | 2005/03/22 09:31 |
| S43 | 0 | "gb2216013" | EPO; DERWENT | OR | ON | 2005/03/22 09:31 |
| S44 | 30 | inverse adj emulsion same oil same water.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | ON | 2005/03/22 09:57 |
| S45 | 61 | (purif\$6 or isolat\$4 or recov\$5 or separat\$4) same (acrylic near acid or acrylicacid or methacrylic near acid or meth adj acrylic adj acid) and glyoxal and azeotropic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON: | 2005/03/22:14:02 |

| S46 | 334 | (purif\$6 or isolat\$4 or recov\$5 or separat\$4) same (acrylic near acid or acrylicacid or methacrylic near acid or meth adj acrylic adj acid) and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/22 14:02 |
|-----|-----|--|---|----|-----|------------------|
| S47 | 530 | (purif\$6 or isolat\$4 or recov\$5 or separat\$4 or remov\$4) same (acrylic near acid or acrylicacid or methacrylic near acid or meth adj acrylic adj acid) and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/22 14:05 |
| S48 | 20 | (purif\$6 or isolat\$4 or recov\$5 or separat\$4 or remov\$4) same (acrylic near acid or acrylicacid or methacrylic near acid or methadj acrylic adj acid).clm. and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/22 14:03 |
| S49 | 22 | (purif\$6 or isolat\$4 or recov\$5 or separat\$4 or remov\$4 or refin\$4) same (acrylic near acid or acrylicacid or methacrylic near acid or meth adj acrylic adj acid).clm. and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/22 14:24 |
| S50 | 535 | (purif\$6 or isolat\$4 or recov\$5 or separat\$4 or remov\$4 or refin\$4) same (acrylic near acid or acrylicacid or methacrylic near acid or meth adj acrylic adj acid) and glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/22 15:49 |
| S51 | 29 | (purif\$6 or isolat\$4 or recov\$5 or separat\$4 or remov\$4 or refin\$4) same (acrylic near acid or acrylicacid or methacrylic near acid or meth adj acrylic adj acid) same glyoxal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ÖN | 2005/03/22 14:06 |
| S52 | 48 | (purif\$6 or isolat\$4 or recov\$5 or separat\$4 or remov\$4 or refin\$4) same (acrylic near acid or acrylicacid or methacrylic near acid or meth adj acrylic adj acid) same (glyoxal or \$3ethanedione or \$2formal or ethane adj2 dione or ethandial or ethanediol or glyoxaldehyde or oxalaldehyde) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/22 15:49 |
| S53 | 19 | S52 not S51 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/22 15:48 |
| S54 | 48 | (purif\$8 or isolat\$4 or recov\$5 or separat\$4 or remov\$4 or refin\$4) same (acrylic near acid or acrylicacid or methacrylic near acid or meth adj acrylic adj acid) same (glyoxal or \$3ethanedione or \$2formal or ethane adj2 dione or ethandial or ethanediol or glyoxaldehyde or oxalaldehyde) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/22 15:49 |
| S55 | 2 | "20030092937" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/01 08:05 |
| S56 | 19 | "5315037" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/01 08:07 |
| S57 | 2 | "20030111331" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/01:08:09 |
| S58 | 2 | "20010020111" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/01 08:12 |
| S59 | 2 | ."20040230074" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON. | 2005/04/01 08:13 |
| 560 | 0 | "20020254398" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/01 08:13 |

| S61 | 2 | "20040254398" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/01 09:02 |
|-----|----|---|---|------|------|-------------------|
| S62 | -2 | ("4085246").PN; | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | OFF. | .2005/04/01 09:04 |
| S63 | 2 | ("6476100").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/04/01 10:56 |
| S64 | O | ("toluenewithwaterwithaeotropewithtemperature").PN: | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/04/01:10:58 |
| S65 | 7 | toulene with water with azeotro\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/01 11:02 |
| S66 | Ó | toulene with water with azeotrope | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/01:11:09 |